

FORM PTO-1390 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371		ATTORNEY'S DOCKET NUMBER: 4001-1023
		U.S. APPN IND. (if known) or CTR. NO. <b>10/049843</b>
INTERNATIONAL APPLICATION NO.: PCT/DE00/02084		INTERNATIONAL FILING DATE: 27 JUNE 2000 (27.06.00)
PRIORITY DATE CLAIMED: 18 AUGUST 1999 (18.08.99)		
TITLE OF INVENTION: METHOD AND DEVICE FOR AUTOMATIC DISTRIBUTION OF PACKAGES		
APPLICANT(S) FOR DO/EO/US: Thomas BAYER, Torsten TANZ, Harald WESTERHOLD and Peter ZIER		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
1.	<input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.	
2.	<input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.	
3.	<input checked="" type="checkbox"/> This express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1).	
4.	<input checked="" type="checkbox"/> A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.	
5.	<input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) <ul style="list-style-type: none"> <li>a. <input checked="" type="checkbox"/> is transmitted herewith (required only if not transmitted by the International Bureau).</li> <li>b. <input type="checkbox"/> has been transmitted by the International Bureau. (see attached copy of PCT/I/B/308)</li> <li>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</li> </ul>	
6.	<input type="checkbox"/> A translation of the International Application into English (35 U.S.C. 371(c)(2)).	
7.	Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)). <ul style="list-style-type: none"> <li>a. <input type="checkbox"/> are transmitted herewith (required only if not transmitted by the International Bureau).</li> <li>b. <input type="checkbox"/> have been transmitted by the International Bureau.</li> <li>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li>d. <input type="checkbox"/> have not been made and will not be made.</li> </ul>	
8.	<input type="checkbox"/> A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).	
9.	<input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).	
10.	<input type="checkbox"/> A translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).	
Item 11. to 16. below concern document(s) or information included:		
11.	<input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.	
12.	<input checked="" type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.	
13.	<input checked="" type="checkbox"/> A <b>FIRST</b> preliminary amendment.	
14.	<input type="checkbox"/> A <b>SECOND</b> or <b>SUBSEQUENT</b> preliminary amendment.	
15.	<input type="checkbox"/> A substitute specification.	
16.	<input type="checkbox"/> A change of power of attorney and/or address letter.	
16.	<input checked="" type="checkbox"/> Other items or information: INTERNATIONAL PRELIMINARY EXAMINATION REPORT (PCT/IPEA/409--in French language), INTERNATIONAL SEARCH REPORT (PCT/ISA/210--in German language), APPLICATION DATA SHEET, ABSTRACT	

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)		INTERNATIONAL APPLICATION NO. PCT/DE00/02084	ATTORNEY'S DOCKET NO. 4001-1023																				
10/049843		CALCULATIONS PTO USE ONLY																					
<p>17. <input checked="" type="checkbox"/> The following fees are submitted:</p> <p><b>BASIC NATIONAL FEE (37 CFR 1.492(a)(1)-(5)):</b></p> <p>Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO ..... \$ 1,040.00</p> <p>International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO ..... \$ 890.00</p> <p>International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO ..... \$ 740.00</p> <p>International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4) ..... \$ 710.00</p> <p>International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4) ..... \$ 100.00</p>																							
<b>ENTER APPROPRIATE BASIC FEE AMOUNT =</b> \$ 890.00																							
<p>Surcharge of \$130.00 for furnishing the oath or declaration later than months from the earliest claimed priority date (37 CFR 1.492(e)).</p>																							
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>CLAIMS</th> <th>NUMBER FILED</th> <th>NUMBER EXTRA</th> <th>RATE</th> </tr> </thead> <tbody> <tr> <td>Total claims</td> <td>11 - 20 =</td> <td>0</td> <td>X \$18.00</td> </tr> <tr> <td>Independent claims</td> <td>2 - 3 =</td> <td>0</td> <td>X \$84.00</td> </tr> <tr> <td colspan="3"><b>MULTIPLE DEPENDENT CLAIMS(S) (if applicable)</b></td> <td>+ \$280.00</td> </tr> <tr> <td colspan="4" style="text-align: center;"><b>TOTAL OF ABOVE CALCULATIONS =</b> \$ 890.00</td> </tr> </tbody> </table>				CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	Total claims	11 - 20 =	0	X \$18.00	Independent claims	2 - 3 =	0	X \$84.00	<b>MULTIPLE DEPENDENT CLAIMS(S) (if applicable)</b>			+ \$280.00	<b>TOTAL OF ABOVE CALCULATIONS =</b> \$ 890.00			
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE																				
Total claims	11 - 20 =	0	X \$18.00																				
Independent claims	2 - 3 =	0	X \$84.00																				
<b>MULTIPLE DEPENDENT CLAIMS(S) (if applicable)</b>			+ \$280.00																				
<b>TOTAL OF ABOVE CALCULATIONS =</b> \$ 890.00																							
<p>Reduction of <math>\frac{1}{2}</math> for filing by small entity, if applicable. Applicant claims Small Entity Status under 37 CFR 1.27.</p>																							
<b>SUBTOTAL =</b> \$ 890.00																							
<p>Processing fee of \$130 for furnishing the English translation later than months from the earliest claimed priority date (37 CFR 1.492(f)).</p>																							
<b>TOTAL NATIONAL FEE =</b> \$ 890.00																							
<p>Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property</p>																							
<b>TOTAL FEES ENCLOSED =</b> \$ 930.00																							
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2"></td> <td>Amount to be refunded:</td> </tr> <tr> <td colspan="2"></td> <td>charged:</td> </tr> </table>						Amount to be refunded:			charged:														
		Amount to be refunded:																					
		charged:																					
a. <input checked="" type="checkbox"/>	A check in the amount of <u>\$ 930.00</u> to cover the above fees is enclosed.																						
b. <input type="checkbox"/>	Please charge my Deposit Account No. <b>25-0120</b> in the amount of \$ to cover the above fees. A duplicate copy of this sheet is enclosed.																						
c. <input checked="" type="checkbox"/>	The Commissioner is hereby authorized to charge any additional fees which may be required by 37 CFR 1.16 and 1.17, or credit any overpayment to Deposit Account No. <b>25-0120</b> . A duplicate copy of this sheet is enclosed.																						
<p>SEND ALL CORRESPONDENCE TO:</p> <p>YOUNG &amp; THOMPSON 745 South 23rd Street 2nd Floor Arlington, VA 22202 (703) 521-2297 facsimile (703) 685-0573 <b>Customer Number: 000466</b></p> <p>February 19, 2002</p> <p>By <i>Benoit Castel</i> Benoit Castel Attorney for Applicant Registration No. 35,041</p>																							

PATENT  
4001-1023

IN THE U.S. PATENT AND TRADEMARK OFFICE

In re application of: Thomas BAYER et al.

Appl. No.:

Group:

Filed:

February 19, 2002

Examiner:

For: METHOD AND DEVICE FOR AUTOMATIC  
DISTRIBUTION OF PACKAGES

PRELIMINARY AMENDMENT

Assistant Commissioner for Patents February 19, 2002  
Washington, DC 20231

Sir:

The following preliminary amendments and remarks are respectfully submitted in connection with the above-identified application.

IN THE ABSTRACT OF THE DISCLOSURE:

Please replace the Abstract of the Disclosure with the rewritten Abstract of the Disclosure attached on a separate sheet attached hereto.

IN THE CLAIMS:

Please amend the claims as follows:

--3. (Amended) The method as claimed in claim 1, characterized in that the package notification card (10) is provided with a distribution date and time imprint after package distribution has taken place, and is retained.--

REMARKS

Claims 1-11 are pending in the present application.

Entry of the above amendments is earnestly solicited. An early and favorable first action on the merits is earnestly requested.

Should there be any matters that need to be resolved in the present application, the Examiner is respectfully requested to contact the undersigned at the telephone number listed below.

Attached hereto is a marked-up version of the changes made to the claims by the current amendment. The attached page is captioned "VERSION WITH MARKINGS TO SHOW CHANGES MADE."

The Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 25-0120 for any additional fees required under 37 C.F.R. § 1.16 or under 37 C.F.R. § 1.17.

Respectfully submitted,

YOUNG & THOMPSON

Benoit Castel

Benoit Castel, Reg. No. 35,041

745 South 23<sup>rd</sup> Street  
Arlington, VA 22202  
Telephone (703) 521-2297

BC/bam  
Attachments

VERSION WITH MARKINGS TO SHOW CHANGES MADE

IN THE ABSTRACT OF THE DISCLOSURE:

The Abstract of the Disclosure has been amended as follows:

Abstract

Method and device for automatic distribution of packages

~~The invention relates to~~ A method and device for the distribution of packages to the recipient. Here, a recipient in which the following steps are carried out:

- delivering or sending a package notification card with a machine-readable identification (ID) number to the recipient and applying the same ID number to the package,
- reading this ID number applied to the package and storing ~~said~~ the package in an automatic storage facility under this ID number,
- inputting the package notification card by the recipient into an automatic distribution reader for the machine-readable ID number,
  - automatically retrieving the package from the storage facility, transporting the package to a closeable distribution station, opening the station on the basis of the ID number read from the package notification card and closing the station after the removal of the package.

IN THE CLAIMS:

The claims have been amended as follows:

3. (Amended) The method as claimed in claim 1 or 2,  
characterized in that the package notification card (10)  
is provided with a distribution date and time imprint  
after package distribution has taken place, and is  
retained.

Abstract

Method and device for automatic distribution of packages

A method and device for the distribution of packages to a recipient in which the following steps are carried out:

- delivering or sending a package notification card with a machine-readable identification (ID) number to the recipient and applying the same ID number to the package,
- reading this ID number applied to the package and storing the package in an automatic storage facility under this ID number,
- inputting the package notification card by the recipient into an automatic distribution reader for the machine-readable ID number,
- automatically retrieving the package from the storage facility, transporting the package to a closeable distribution station, opening the station on the basis of the ID number read from the package notification card and closing the station after the removal of the package.

6/  
Pots

WO 01/13342

PCT/DE00/02084

Description

Method and device for automatic distribution of packages

5

The invention relates to a method and a device for automatic distribution of packages, such as parcels, small packets and the like, to the recipient.

10 According to the prior art, the packages are delivered to the recipients by services corresponding to deliverers. In this case, it often occurs that the recipient is not present. In this case, he receives a notification card, to the effect that he was not met 15 and therefore has to fetch this package from a central collection and distribution point, for example a post office. The packages are distributed there manually during restricted opening times. This procedure requires a great deal of work and, because of the 20 restricted opening times, is unsatisfactory for the recipient.

The invention is therefore based on the object of providing a method and a device for automatic 25 distribution of packages in which the disadvantages described can be avoided and the packages can be distributed automatically, without any time restriction and additional outlay on notification. In this case, there must also be the possibility of identifying the 30 collector unambiguously.

According to the invention, the object is achieved by the features of claims 1 and 7.

The steps:

35 - delivering or sending a package notification card with a machine-readable identification (ID) number to the recipient and applying the same ID number to the package,

2008 PCT/DE00/02084

- 1a -

- reading this ID number applied to the package and storing said package in an automatic storage facility under this

ALL INFORMATION CONTAINED  
HEREIN IS UNCLASSIFIED

ID number,

- inputting the package notification card by the recipient into an automatic distribution reader for the machine-readable ID number,
- 5 - automatically retrieving the package from the storage facility, transporting the package to a closeable transfer station, opening the station on the basis of the ID number read from the package notification card and closing the station after the removal of the
- 10 package,

permits the stored packages to be distributed without the involvement of human beings and therefore also without any restriction on time.

Advantageous refinements of the invention are  
15 illustrated in the subclaims.

For example, it is possible to distribute the package only if, as a further condition, personal identification features are recorded and/or read, with which verification as to the whereabouts of the package  
20 is possible.

It is also advantageous, as additional verification, to provide the package notification card with a distribution date and time imprint after distribution of the package has taken place and to retain said card.

25 In a further advantageous refinement, before the storage of the package for distribution to the recipient, a machine-readable input code, for example the recipient address in a bar code form, produced during the dispatch of the package, is additionally  
30 read and the distribution of the package to the recipient and, if required, additionally the storage, together with the input code and distribution or storage date and time are reported to a central station for package tracking and distribution status reporting.

35 As a result, it is possible for the sender or the distribution company at any time to interrogate the distribution status, including the time of transfer.

If the distribution of the package is to be carried out only against payment, then it is advantageous if a

- 2a -

machine-readable input code is applied to the package during the dispatch, containing the payment condition and the amount. Before the

storage for distribution, the input code with the payment condition and the amount is then also read, and the package is distributed automatically to the recipient only when the amount has been paid at the  
5 distribution station.

It is also advantageous to read the ID number and, if required, the input code with the aid of a handheld scanner. As a result, difficulties in finding this ID number and the input code on the package are avoided.  
10

In the following text, the invention will be explained in more detail in an exemplary embodiment and using the drawing, in which:

15 FIG 1a - f show the sequence during the delivery of the package in a schematic representation,  
FIG 2 shows the distribution station in a schematic representation,  
FIG 3 shows a sequence structure for the storage process,  
20 FIG 4 shows a sequence structure for the retrieval process.  
25

As FIG 1a shows, the deliverer 1 is distributing the packages, in this case parcels, in accordance with the recipient addresses. Since the recipient is not present, the deliverer 1 applies a machine-readable identification (ID) number, for example as bar code, to the relevant parcel 2 for the purpose of the storage  
30 and, according to FIG 1b puts a parcel notification card with the same machine-readable ID number into the letterbox 3. Another variant, not shown, consists in the distribution of the parcels 2 by the deliverer 1 not being done, and only the corresponding parcel  
35 notification card being sent directly to the recipient. After the deliverer 1 has completed his distribution round, he stores the parcels 2 which cannot be distributed directly because of the absence of the recipients in his distribution support point, for

- 3a -

example a post office (FIG 1c). For this purpose, he places each parcel 2 individually into

THE END OF THE STORY

a holding station 4. This holding station 4 includes a stationary bar code scanner 5 for reading the ID number 21 for the purpose of object identification 20 for the storage and of the machine-readable input code produced 5 during the the dispatch. This global input code can characterize the recipient address or an ID number, but this must identify the parcel 2 unambiguously within the entire dispatch system and not just for storage at a distribution point with a restricted number of 10 storage compartments.

A further, not illustrated, possibility for registering the machine-readable information consists in the use of a handheld scanner by the deliverer carrying out the 15 storage process. Possible difficulties during the automatic finding of the regions with the machine-readable information on the packages are therefore avoided. Following the successful reading and the start of the storage 22 in the parcel storage facility 23, 20 the parcel data are input into a database 24 belonging to the parcel storage facility 23 or replaced by old database values 25. This database 24 is a constituent part of the control unit for the storage facility. In addition, the global input code, storage location and 25 date and time are transmitted to a global database 26 belonging to a central facility for package tracking and distribution status reporting, as indicated by the flash, at which central facility the sender can interrogate the dispatch status of his dispatches 30 (FIG 1c). The data flows from and to the databases 24, 26 are illustrated dashed in FIG 3 and 4.

Following the reading operation, within the context of the storage action, the parcel 2 is supplied on a transport path 6 to an automatically movable loader and 35 unloader 7 of an automatic storage facility, which places the parcel 2 in a free storage compartment 8 in accordance with the ID number applied to the parcel 2 by the deliverer 1, under the control of a control unit (FIG 1d).

In order to fetch his parcel 2, the recipient 9 goes to  
the distribution station of the automatic storage  
facility. There, he pushes his notification card 10, 30  
5 into an opening provided for the purpose

and passes his personal identity card past an appropriate identity card reader 12, with which the personal identification number is read (FIG 1e). The storage ID number 21 is then read with a bar code scanner 5 as the output reader 11 for object identification 31. Using this ID number 21, a search 23 is made in the database 24 of the parcel storage facility and in the global database 26. If the ID number 21 is in the local database 24 of the parcel storage facility 23, then the parcel 2 is retrieved 35. At the same time, the data in the database 24 of the parcel storage facility are deleted and the data in the global database 26 are exchanged or supplemented by the distribution data, such as the date, time of day and 10 collector, indicated by the flash. If the parcel 2 is not in this storage facility, then the recipient/collector 9 is additionally notified 37 where the parcel 2 is located, on the basis of an interrogation in the global database 26.

15 The notification card 10 is additionally printed by means of a printer 13, similar to a ticket canceling means, with the distribution date and time and transported into a card store, where there is already a stack 14 of cards. After the loader and unloader 7 has 20 removed the parcel 2 from the storage compartment 8 and the parcel 2 has been transported to the distribution station via a transport path (not illustrated), a door 25 15 for the removal opening opens and the parcel 2 can be removed. The door 15 is then closed again.

25 In order that collect-on-delivery mailings, which have to be paid for by the recipient 9, are automatically distributed only after the payment operation, there is a payment device (not illustrated) at the distribution 30 station.

35 A parcel which may be distributed only against payment is additionally given this condition and the amount to be paid in its input code. Once the input code has been read, then the control system receives a corresponding

- 5a -

communication, and the parcel is released only after the payment of the amount read for distribution. Corresponding payment devices are known from

4004424242424242

the prior art. In-payments are possible without cash, with a credit card, or with a cash/debit card, in a similar way to that in automatic ticket machines.

10049643 021502

## Patent claims

1. A method for automatic distribution of packages (2), such as parcels, small packets and the like, to the recipient (9), characterized by the steps:

5           - delivering or sending a package notification card (10) with a machine-readable identification (ID) number (21) to the recipient (9) and applying the same ID number (21) to the package (2),

10          - reading this ID number (21) applied to the package (2) and storing the package (2) in an automatic storage facility under this ID number (21),

15          - inputting of the package notification card (10) by the recipient (9) into an automatic distribution reader (11) for the machine-readable ID number (21),

20          - automatically retrieving the package (2) from the storage facility, transporting the package (2) to a closeable distribution station, opening the station on the basis of the ID number (21) read from the package notification card (10) and closing the station after the removal of the package (2).

25

2. The method as claimed in claim 1, characterized in that as an additional distribution condition, personal identification features are recorded and/or automatically read and stored.

30

3. The method as claimed in claim 1 or 2, characterized in that the package notification card (10) is provided with a distribution date and time imprint after package distribution has taken place, and is retained.

35

4. The method as claimed in claim 1, characterized in that before the storage of the package (2) for

- 7a -

distribution to the recipient (9), a machine-readable input code produced during the dispatch of the package (2) and

100143343 021902

5 applied to the package (2) is read, and the distribution of the package (2) to the recipient (9) and, if required, additionally the storage with the input code and distribution or storage date and time, is transmitted to a central facility for package tracking and distribution status reporting.

10 5. The method as claimed in claim 1, characterized in that in the case of a collect-on-delivery mailing to be paid by the recipient (9), a machine-readable input code is applied to the package (2) during the dispatch containing the payment condition and the amount to be paid, in that before the package (2) is stored for distribution to the recipient (9), the machine-readable input code is additionally read, and the distribution of the package (2) to the recipient (9) is carried out only after the payment of the amount at the distribution station.

15 6. The method as claimed in claim 1, characterized in that the reading of the ID number (21) applied to the package (2) and, optionally, of the input code is carried out before the storage, using a handheld scanner.

20 7. A device for automatic distribution of packages (2), such as parcels, small packets or the like, to the recipient (9), characterized by:

25 - an input reader (5) for reading a machine-readable ID number (21) applied to the package (2) and, coupled thereto, an automatic storage facility for storing the respective package (2) under this ID number (21),

30 - a distribution reader (11) for reading the same ID number (21) on a package notification card (10) and, coupled thereto, the automatic storage

35

TOP SECRET - DELIVER

facility for retrieving the package (2) with  
this ID number (21) and

- transport means for transporting the retrieved  
packages (2) to a closeable distribution station  
which

is opened in the presence of a package (2) and is closed after the removal of the package (2).

8. The device as claimed in claim 6, characterized in  
5 that means (12) for reading and/or recording personal identification features are provided, and distribution is carried out only after a reading and/or recording process has been carried out.

10 9. The device as claimed in claim 6, characterized in  
that a printer (13) is provided to print distribution date and time on the package notification card (10), and also a store for the parcel notification cards (10).  
15

10. The device as claimed in claim 6, characterized in  
that the input reader (5) or an additional reader is constructed in such a way that it reads machine-readable input codes located on the packages (10) and, when the respective package (2) is distributed, this input code, together with distribution date and time, can be transmitted to a central facility for package tracking and distribution status reporting.  
20

25 11. The device as claimed in claim 6, characterized in  
that a payment device is provided at the distribution station, and the package (2) can be distributed only when the amount has been paid in  
30 in cash or in a cash-free manner, said amount, together with a payment condition, having been read in the input code by the input reader (5) or an additional reader.

SEARCHED SERIALIZED INDEXED

Abstract

Method and device for automatic distribution of packages

The invention relates to the distribution of packages to the recipient. Here, the following steps are carried out:

- delivering or sending a package notification card with a machine-readable identification (ID) number to the recipient and applying the same ID number to the package,
- reading this ID number applied to the package and storing said package in an automatic storage facility under this ID number,
- inputting the package notification card by the recipient into an automatic distribution reader for the machine-readable ID number,
- automatically retrieving the package from the storage facility, transporting the package to a closeable distribution station, opening the station on the basis of the ID number read from the package notification card and closing the station after the removal of the package.

1/6

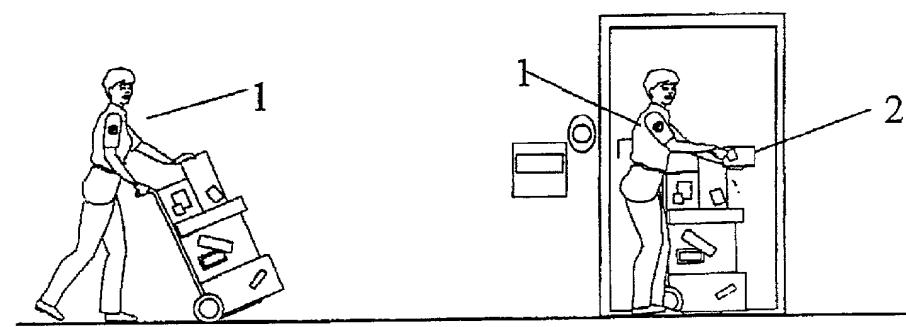


FIG 1a

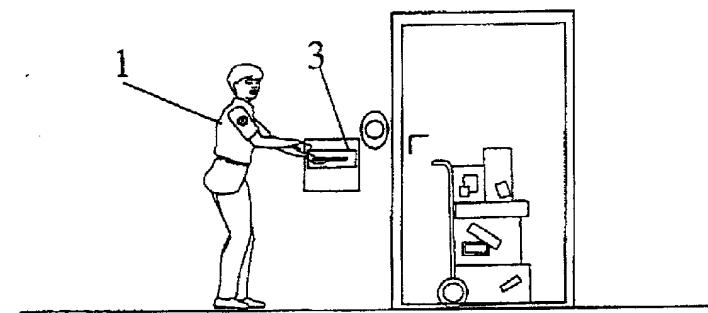
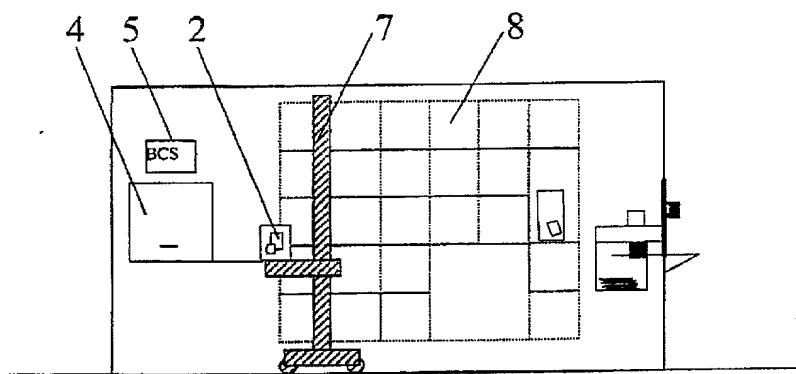
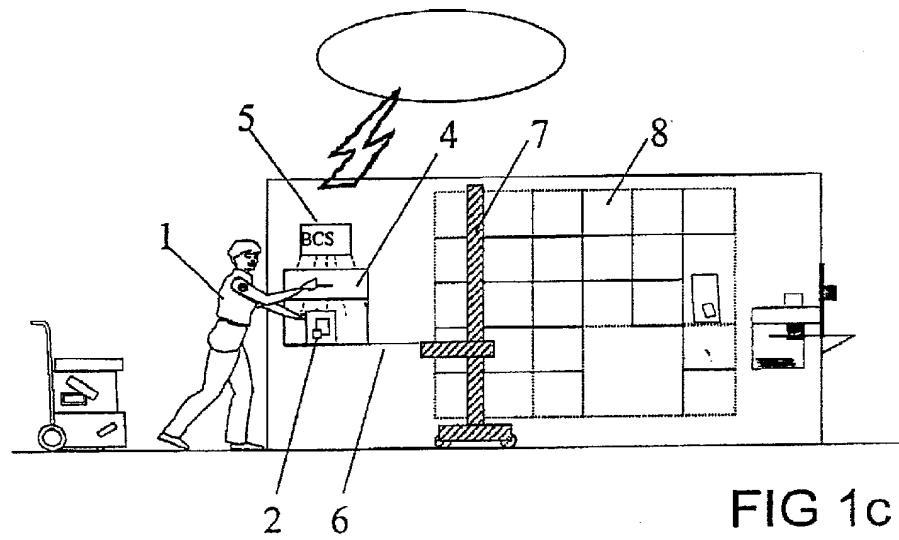


FIG 1b

2/6



3/6

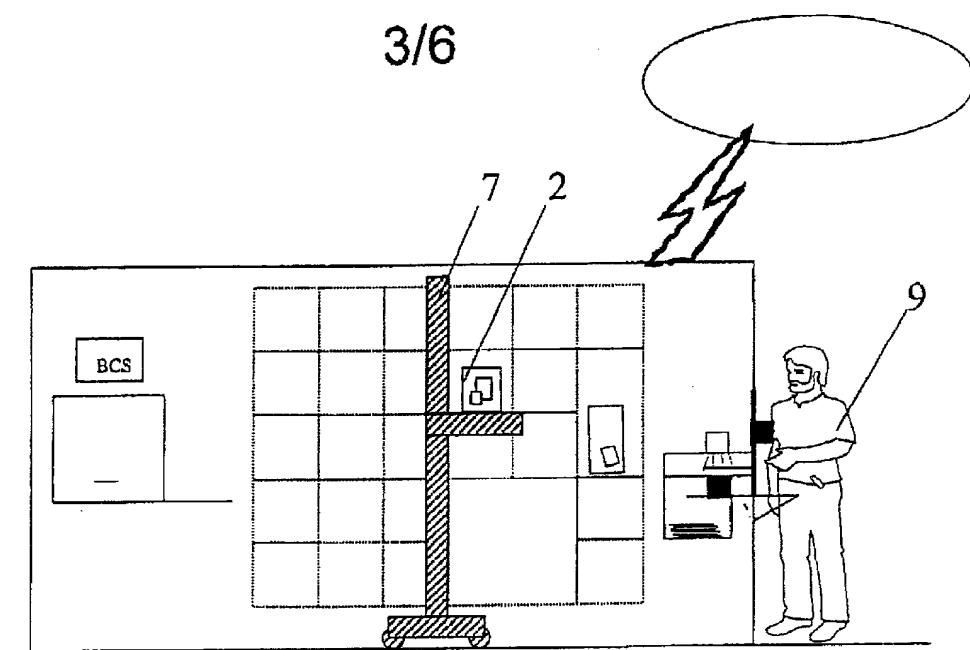


FIG 1e

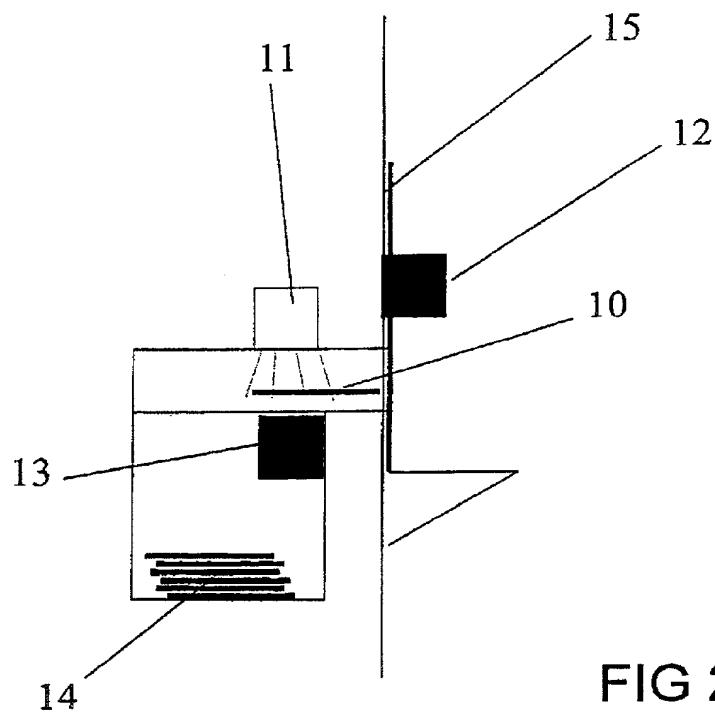


FIG 2

4/6

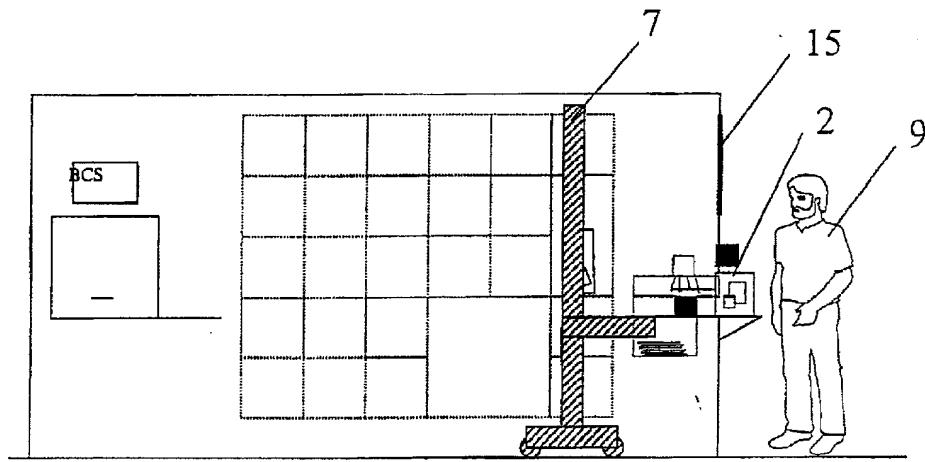


FIG 1f

5/6

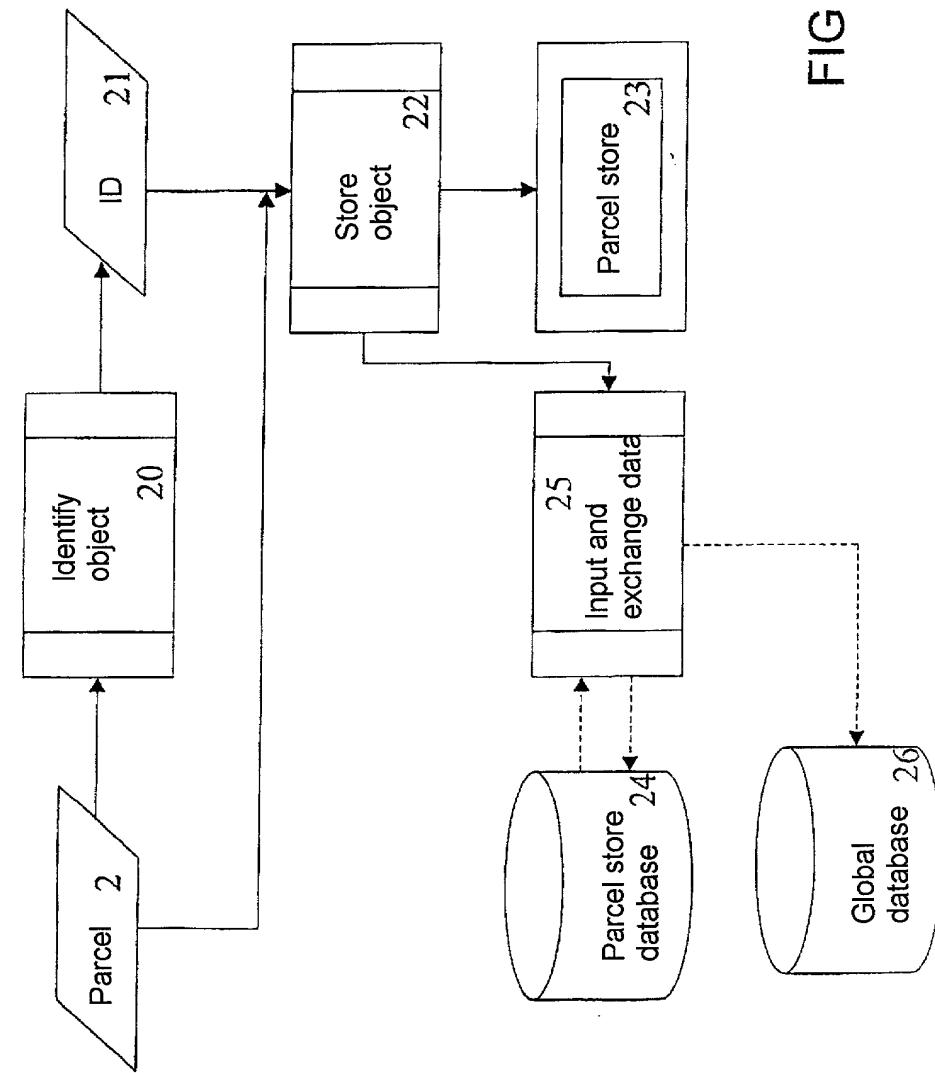


FIG 3

6/6

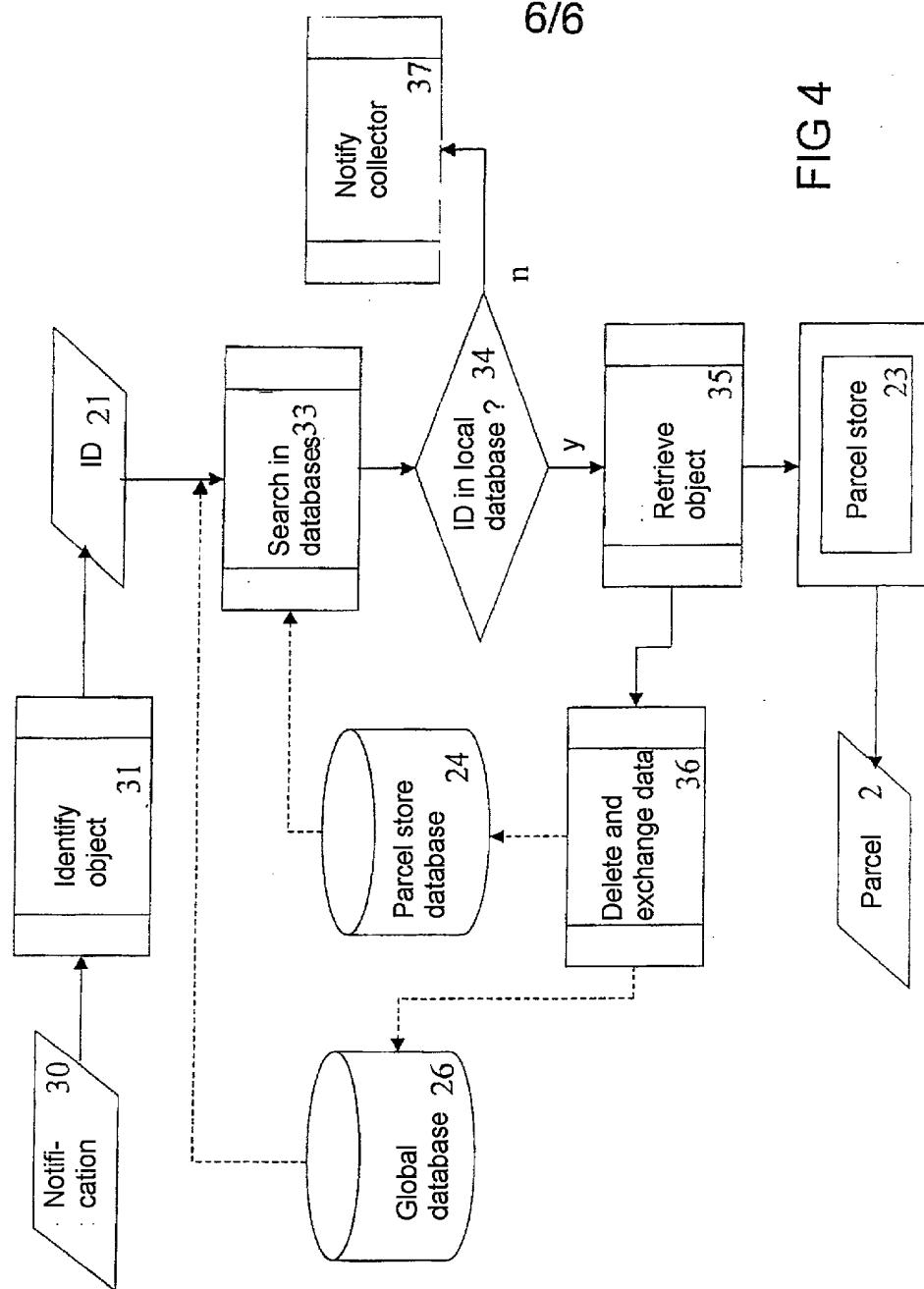


FIG 4

# Declaration and Power of Attorney For Patent Application

## Erklärung Für Patentanmeldungen Mit Vollmacht

### German Language Declaration

Als nachstehend benannter Erfinder erkläre ich hiermit an Eides Statt:

dass mein Wohnsitz, meine Postanschrift, und meine Staatsangehörigkeit den im Nachstehenden nach meinem Namen aufgeführten Angaben entsprechen,

dass ich, nach bestem Wissen der ursprüngliche, erste und alleinige Erfinder (falls nachstehend nur ein Name angegeben ist) oder ein ursprünglicher, erster und Miterfinder (falls nachstehend mehrere Namen aufgeführt sind) des Gegenstandes bin, für den dieser Antrag gestellt wird und für den ein Patent beantragt wird für die Erfindung mit dem Titel:

#### Verfahren und Einrichtung zum automatischen Ausgeben von Stueckgut

deren Beschreibung

(zutreffendes ankreuzen)

hier beigelegt ist.

am \_\_\_\_\_ als

PCT internationale Anmeldung

PCT Anmeldungsnummer \_\_\_\_\_

eingereicht wurde und am \_\_\_\_\_

abgeändert wurde (falls tatsächlich abgeändert).

Ich bestätige hiermit, dass ich den Inhalt der obigen Patentanmeldung einschliesslich der Ansprüche durchgesehen und verstanden habe, die eventuell durch einen Zusatzantrag wie oben erwähnt abgeändert wurde.

Ich erkenne meine Pflicht zur Offenbarung irgendwelcher Informationen, die für die Prüfung der vorliegenden Anmeldung in Einklang mit Absatz 37, Bundesgesetzbuch, Paragraph 1.56(a) von Wichtigkeit sind, an.

Ich beanspruche hiermit ausländische Prioritätsvorteile gemäss Abschnitt 35 der Zivilprozessordnung der Vereinigten Staaten, Paragraph 119 aller unten angegebenen Auslandsanmeldungen für ein Patent oder eine Erfindersurkunde, und habe auch alle Auslandsanmeldungen für ein Patent oder eine Erfindersurkunde nachstehend gekennzeichnet, die ein Anmelde datum haben, das vor dem Anmeldedatum der Anmeldung liegt, für die Priorität beansprucht wird.

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

#### Verfahren und Einrichtung zum automatischen Ausgeben von Stueckgut

the specification of which

(check one)

is attached hereto.

was filed on 27.06.2000 as

PCT international application

PCT Application No. PCT/DE00/02084

and was amended on \_\_\_\_\_

(if applicable)

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

## German Language Declaration

Prior foreign appilcations  
Priorität beansprucht

Priority Claimed

<u>199 39 211.0</u>	<u>DE</u>	<u>18.08.1999</u>	<input checked="" type="checkbox"/>	<u>Yes</u>
(Number)	(Country)	(Day Month Year Filed)	<input type="checkbox"/>	No
(Nummer)	(Land)	(Tag Monat Jahr eingereicht)	<input type="checkbox"/>	Nein
			<input type="checkbox"/>	<u>Ja</u>
			<input type="checkbox"/>	<u>Nein</u>
			<input type="checkbox"/>	<u>Ja</u>
			<input type="checkbox"/>	<u>Nein</u>

Ich beanspruche hiermit gemäss Absatz 35 der Zivilprozeßordnung der Vereinigten Staaten, Paragraph 120, den Vorzug aller unten aufgeführten Anmeldungen und falls der Gegenstand aus jedem Anspruch dieser Anmeldung nicht in einer früheren amerikanischen Patentanmeldung laut dem ersten Paragraphen des Absatzes 35 der Zivilprozeßordnung der Vereinigten Staaten, Paragraph 122 offenbart ist, erkenne ich gemäss Absatz 37, Bundesgesetzbuch, Paragraph 1.56(a) meine Pflicht zur Offenbarung von Informationen an, die zwischen dem Anmeldedatum der früheren Anmeldung und dem nationalen oder PCT internationalen Anmeldedatum dieser Anmeldung bekannt geworden sind.

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §122, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application.

<u>(Application Serial No.)</u>	<u>(Filing Date D, M, Y)</u>	<u>anhängig</u>	<u>pending</u>
(Anmeldeseriennummer)	(Anmeldedatum T, M, J)	(Status) (patentiert, anhängig, aufgegeben)	(Status) (patented, pending, abandoned)
		<input type="checkbox"/>	<input type="checkbox"/>
<u>(Application Serial No.)</u>	<u>(Filing Date D,M,Y)</u>	<u>(Status)</u>	<u>(Status)</u>
(Anmeldeseriennummer)	(Anmeldedatum T, M, J)	(patentiert, anhängig, aufgegeben)	(patented, pending, abandoned)

Ich erkläre hiermit, dass alle von mir in der vorliegenden Erklärung gemachten Angaben nach meinem besten Wissen und Gewissen der vollen Wahrheit entsprechen, und dass ich diese eidesstattliche Erklärung in Kenntnis dessen abgebe, dass wissentlich und vorsätzlich falsche Angaben gemäss Paragraph 1001, Absatz 18 der Zivilprozeßordnung der Vereinigten Staaten von Amerika mit Geldstrafe belegt und/oder Gefängnis bestraft werden können, und dass derartig wissentlich und vorsätzlich falsche Angaben die Gültigkeit der vorliegenden Patentanmeldung oder eines darauf erteilten Patentes gefährden können.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

## German Language Declaration

**VERTRETUNGSVOLLMACHT:** Als benannter Erfinder beauftrage ich hiermit den nachstehend benannten Patentanwalt (oder die nachstehend benannten Patentanwälte) und/oder Patent-Agenten mit der Verfolgung der vorliegenden Patentanmeldung sowie mit der Abwicklung aller damit verbundenen Geschäfte vor dem Patent- und Warenzeichenamt: (*Name und Registrationsnummer anführen*)

**POWER OF ATTORNEY:** As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. (*list name and registration number*)

Young & Thompson

And I hereby appoint

Customer No. 00466

Telefongespräche bitte richten an:  
(*Name und Telefonnummer*)

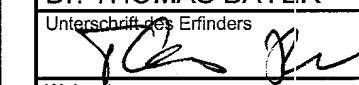
Direct Telephone Calls to: (*name and telephone number*)

Young & Thompson  
(001) 703 521 22 97

Postanschrift:

Send Correspondence to:

Young & Thompson  
745 South 23rd Street, Suite 200 22202 Arlington, VA  
Telephone: (001) 703 521 22 97 and Facsimile (001) 703 685 05 73  
or  
**Customer No. 00466**

Voller Name des einzigen oder ursprünglichen Erfinders: <b>Dr. THOMAS BAYER</b>	Full name of sole or first inventor: <b>Dr. THOMAS BAYER</b>
Unterschrift des Erfinders 	Datum <b>12.12.01</b>
Wohnsitz <b>RADOLFZELL, DEUTSCHLAND</b>	Residence <b>RADOLFZELL, GERMANY DEX</b>
Staatsangehörigkeit <b>DE</b>	Citizenship <b>DE</b>
Postanschrift <b>HOERIBLICK 10</b>	Post Office Address <b>HOERIBLICK 10</b>
<b>D-78315 RADOLFZELL</b>	<b>D-78315 RADOLFZELL</b>
<b>DEUTSCHLAND</b>	<b>GERMANY</b>
Voller Name des zweiten Miterfinders (falls zutreffend): <b>Dr. TORSTEN TANZ</b>	Full name of second joint inventor, if any: <b>Dr. TORSTEN TANZ</b>
Unterschrift des Erfinders 	Datum <b>12.12.01</b>
Wohnsitz <b>GRAPEVINE, TX 76051-6501</b>	Residence <b>GRAPEVINE, TX 76051-6501 TX</b>
Staatsangehörigkeit <b>DE</b>	Citizenship <b>DE</b>
Postanschrift <b>4147 CEDAR DRIVE</b>	Post Office Address <b>4147 CEDAR DRIVE</b>
<b>GRAPEVINE, TX 76051-6501</b>	<b>GRAPEVINE, TX 76051-6501</b>
<b>UNITED STATES OF AMERICA</b>	<b>UNITED STATES OF AMERICA</b>

(Bitte entsprechende Informationen und Unterschriften im Falle von dritten und weiteren Miterfindern angeben).

(Supply similar information and signature for third and subsequent joint inventors).

(Bitte entsprechende Informationen und Unterschriften im Falle von dritten und weiteren Miterfindern angeben).

*(Supply similar information and signature for third and subsequent joint inventors).*